

Receiving Report

Date: 5-07-23

Batch No: 132825

Supplier: KLX

Dart P/O: 29228

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☐
 Receipt: Cash ☐ Cr ☒
 New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☒
 QC18 Inspection ☐ N/A ☒
 Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

[Signature]

Production/Admin:

Date _____
 Received/Costing _____
 Initial _____

Location _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO29228

Purchase Order Date 7/22/2015

PO Print Date 7/22/2015

Page Number 1 of 4

Order From :
KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

VU-KLX01

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

ORI
P
ITEM
NO.

Contact Name
Vendor Phone 305-925-2600

Buyer Linda Lacelle
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
0	1	AN3-14A	Bolt	7/27/2015 Yes 7/27/2015	FN 100.00 Each	\$0.15	\$15.00
Line Total:							\$15.00
0	2	AN4C5A	Bolt	7/27/2015 Yes 7/27/2015	FN 25.00 Each	\$0.60	\$15.00
Line Total:							\$15.00
(3	AN6-13A	BOLT	7/27/2015 Yes 7/27/2015	50.00 Each	\$0.55	\$27.50

Note:

SH
MA
WO
REC
WA
BEC
SOL
SOL
AFT

7/22/2015



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXaerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002



CONSOLIDATION

1BLRY1

PAGE 1

SEND TO ACCOUNTING
SOLD TO:
002409

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



ORDER NO. See Below		DATE 07/22/2015	SHIP VIA FEDX INTL P1 COLL	TERMS NET 45	SHIPPING TERMS FOB-MIAMI			
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION		PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
1 <								

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

PACKING SLIP

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS PACKING SLIP, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXaerospace.com/conditions-sale/>



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXAerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

JOSPE7

PAGE 1

SOLD TO:

002409
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

HISTORY REPRINT

ORDER NO.		DATE	SHIP VIA	TERMS		SHIPPING TERMS		
PO29228		07/22/15	FEDX INTL P1 COLL	NET 45		FOB-CARSON		
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION		PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
1	100	FED. TAX# 47-163-9172 AN3-14A BOLT TARIFF: 7318.15.8085 MFR: AIRFASCO INDUSTRIES CTRL# : 2008A06472 LOT#: 12525 LOT QTY: 100 ECCN :9A991 <i>These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited.</i> ***BOLTS AND NUTS ***PARTS FOR CIVIL AIRCRAFT FREIGHT ACCT# 15179324-0 TEL# 613-632-3336		0.150	EA	0	100	15.00
emar 9T3P95		SHIPPED ON 07/22/15				SUBTOTAL: 15.00 HANDLING: 0.00 DISC/ALL: 0.00 INCM FRT: 0.00 FREIGHT : 0.00 TOTAL : 15.00USD U.S. CURRENCY		
MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.								

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 1351 CHARLES WILLARD ST, CARSON, CA 90746

DUPLICATE INVOICE

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS INVOICE, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXAerospace.com/conditions-sale/>



Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

SHIPPED FROM 15th TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO29228

LIN#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
004	200	EA	CR3213-4-04		87777073	CHERRY AEROSPACE SAN	11815		


Jason Lewis
Senior Director, Global Quality

07/22/15



CHERRY AEROSPACE
Sps. Fastener Division, a PCC Company

1224 East Warner Avenue
Santa Ana, CA 92707-0157



Chemical Processing
Heat Treating
ISO/IEC 17025
Material Testing Lab

Final Inspection & Test Report

CherryMax® Rivet

An ISO9001 and AS9100 registered company. OASIS #6111041606

Part Numbers	Rev	Proc. Spec.	Rev	Lot I.D. No.:	87777073
CR3213-4-04	AB	PS-CMR-3000	R	Lot Size:	32,600
CR3213PR-4-04	AB	PS-CMR-3000	R	MFG. Date:	February 07, 2013
** See 2nd Page for the Customer Parts					

ASSEMBLY DATA

TYPE	ID #	CERT #	MATERIAL	FINISH	LUBE
Rivet	87767240	A72032	QQ-A-430/5056	MIL-C-5541 CLEAR CL1A	None
Stem	87767234	A72252	AMS6322 / 8740ST	QQ-P-416/T2CL2/CAD PL	None
Collar	00000000	A71956	A-286 / AMS5731	Passivate per AMS2700	None

W.O. #: 5509068

Final Lube: None

QUALITY CONFORMANCE/ACCEPTANCE RESULTS

MIN REQ'D SAMPLE SIZE SPECS RESULTS	INSTALLED SHEAR		TENSION		SPINDLE RETENTION		DISASSEMBLY
	655		285		125		10
	8	N/A	8	N/A	8	N/A	5
	C-N-M	B	C-N-M	B	C-N-M	B	C-N-M
	866		303		252		57
	895		368		264		47
	849		384		233		71
	829		388		226		78
	987		395		260		80
C=CR N=NAS	848		382		262		
M=MIL B=BAC	846		389		244		
LOAD VALUES IN POUND	844		409		242		

PCS.	ITEM	STATUS	PCS.	ITEM	STATUS
20	EXAMINATION	PASS	20	INSTALLATION (Min and Max Grips)	PASS

Comments:

Blind Fastener

Tr. Rev: -

Rev. Date: 2/7/2013

Inspector

J Esquivel

Q Code

V09



The parts contained in this shipment have been manufactured and inspected in accordance with TSO-C148. The conditions and tests required for TSO approval of this article are minimum performance standards. Aircraft fasteners approved under this TSO are not necessarily interchangeable with other aircraft fasteners approved under this TSO. Fasteners of similar dimensional properties may have widely varying performance and metallurgical properties. Substitution of parts may only be done if acceptable to or approved by the Administrator.

This test report shall not be reproduced except in full, without the written approval of the laboratory.
The recording of false, fictitious, or fraudulent statement or entries on the certificate may be punished as a felony under Federal law.

Form No. 1141-10-75 Rev. F 07/15/10 CR10-0832

1000543706 Page 1 of 2



CHERRY[®] AEROSPACE
SPS Investor Division, a PCC Company

1224 East Warner Avenue
Santa Ana, CA 92707-0157



Chemical Processing
Heat Treating
ISO/IEC 17025
Material Testing Lab

Final Inspection & Test Report

CherryMax[®] Rivet

An ISO9001 and AS9100 registered company. OASIS #6111041606

Customer Parts List

Lot I.D. No.: 87777073

Rev: -

<u>Customer Part Number</u>	<u>Rev</u>	<u>Proc. Spec.</u>	<u>Rev</u>
NAS9301BNS-4-04	5	NAS1686	3
ASNA0078A404	P	MIL-R-7885	D2
ASNA0078A404	P	NAS1686	3
ASNA0078A404	P	PS-CMR-3000	R
B0207005-4-04	E	MIL-R-7885	D2
B0207005-4-04	E	NAS1686	3
B0207005-4-04	E	PS-CMR-3000	R
CAN43078B4-4	8	MIL-R-7885	D2
CAN43078B4-4	8	NAS1686	3
CAN43078B4-4	8	PS-CMR-3000	R
M7885/2-4-04	D2	MIL-R-7885	D2
MBBN3012L3204	01/06	MBBN3015	12/03
NAS9301B-4-04	5	NAS1686	3

Parts delivered in accordance with the standard amendments as agreed by Cherry/EADS.

CERTIFIED INSPECTION REPORT AND TEST RESULTS

KAISER ALUMINUM

1547 Helton Drive - Florence, AL 35630

SHIP TO:

CHERRY AEROSPACE LLC

VMI / CONSIGNMENT AGREEMENT

1224 EAST WARNER AVE

SANTA ANA, CA 92705-5414

SOLD TO:

CHERRY AEROSPACE LLC

VMI / CONSIGNMENT AGREEMENT

1224 EAST WARNER AVE

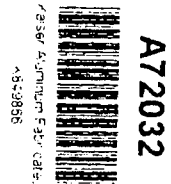
SANTA ANA, CA 92705-5414

Customer PO Number VP201202-1		NW WORK ORDER NO. 09629		<i>Dave Shelton</i>	
DESCRIPTION .123 5056 H32 STEM				AUTHORIZED SIGNATURE QUALITY CONTROL MANAGER	
CUSTOMER PART NO.	ALLOY 5056	TEMPER H32 ✓		We hereby certify that the material covered by this report has been inspected in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown on this sheet.	
NW PART NO. H123A7		DATE SHIPPED 11/6/2012			
WEIGHT SHIPPED 1.305					

LOT NUMBER	# OF TESTS	ULTIMATE		YIELD		% ELONGATION	
		STRENGTH K.S.I.		STRENGTH K.S.I.			
		Min	Max	Min	Max		
K849866	2	48.2	48.7				

COMMENTS:
M005.123 REV T ✓
QQA-430C
MILL SOURCE KAISER
MADE IN USA

DEC 11 2012



CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		OTHERS	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	5056		0.30		0.40		0.10	0.05	0.20	4.50	5.60	0.05	0.20	0.05	0.15
		NICKEL		ZINC		TITANIUM		LEAD		BISMUTH					
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
					0.10										
	ALUMINUM REMAINDER														

1000543706

KAISER ALUMINUM FABRICATED PRODUCTS

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum Fabricated Products, LLC
600 Kaiser Drive
Heath, OH 43056-1088
740-522-1151

Best in Class

CUSTOMER PO NUMBER: FLO-1490		CUSTOMER PART NUMBER: 6Z37KH		PRODUCT DESCRIPTION: ALY-JUMBO	
KAISER ORDER NUMBER: 624543944	LINE ITEM: 1	SHIP DATE: 10/09/2012	ALLOY: K540	TEMPER: F	
WEIGHT SHIPPED: 24698 lbs.	QUANTITY: 115 pcs.	B/L NUMBER: 4983	DIAM/DAF/THKNS: 0.375 in.	WIDTH: 0.000 in.	LENGTH: 0.0 in.
SHIP TO: FLORENCE 1547 HELTON DRIVE FLORENCE, AL 35630			SOLD TO: FLORENCE 1547 HELTON DRIVE FLORENCE, AL 35630		

Test Code: 4000

Actual Physical Properties

Lot No.

849866 0.0

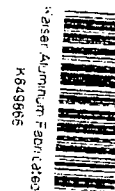
Chemical Composition, WT. % (Aluminum Remainder)

Lot		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
Cast/Drop									
ChemID									
849866									
43-1F2	Act.	0.04	0.07	0.00	0.07	4.8	0.07	0.01	0.01
175124									
Chemical	Min				0.05	4.5	0.05		
Limits	Max	0.30	0.40	0.10	0.20	4.9	0.20	0.10	0.05
	Others	Each	0.05	Max	Total	0.15	Max		

Specifications

QQA-430 REV C

DEC 11 2012



A72032

Plant Serial: 26709
Kaiser Order Number: 624543944
Line Item: 1

KAISER ALUMINUM FABRICATED PRODUCTS

Kaiser Aluminum Fabricated Products, LLC
600 Kaiser Drive
Heath, OH 43056-1088
740-522-1151

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Miscellaneous Notes

Made in USA

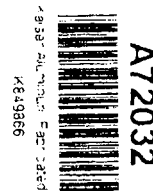
Product produced from K540 meets the requirements of aluminum alloy 5056. Mercury is not a normal contaminant in aluminum alloys. Neither mercury nor any of its compounds were utilized by Kaiser Aluminum in the manufacture of this material. Actual (Act) chemical composition is from representative samples taken during the ingot casting process. Independent chemical analysis will vary from these values because of natural variation in the process and testing error. This test report shall not be reproduced, except in full, without the written approval of Kaiser Aluminum. The recording of false, fictitious, or fraudulent statements or entries on the certificate may be punished as a felony under federal law. Chemical analysis performed in accordance with ASTM E 1251-11. The Newark facility is AS9100C:2009 approved. The Newark Laboratory is NADCAP approved for chemical testing (OES).

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLP ("Kaiser") hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales order acknowledgement form. Any warranty is limited to that shown on Kaiser's standard general terms and conditions.

Warren Marcucci, Technical Manager

Warren Marcucci



DEC 11 2012



**WireTech, Inc.**6440 E. Canning Street
Los Angeles, CA 90040
Phone (323) 722-4933
Fax (323) 721-2738

SOLD TO

CHERRY AEROSPACE LLC
1224 E. WARNER AVENUE
SANTA ANA, CA 92705-5414
USA

WORK ORDER

096649

HEAT NO.

10210900

SALES ORDER / RLS

848020 / 1

ISO 9001-2000 REGISTERED

MECHANICAL TESTING
CERT # 911.01

CERT# 911.01

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	CARRIERS	LADING NO	SHIPMENT DATE			
VP201301	m272.1040	3,165 Lbs	6	00101321	01/04/2013			
SPECIFICATION C208740-101040A A-8740, AQ, SKFG, CHQ WIRE, SEAM & DECARB FREE, SAIP Zinc Phosphate, Lime & Stearate Coating, Size:0.1035/0.1045 Specifications: AMS 2301K, AMS6322N, MIL-S-6049A, AMEND1, ASTM-A-547, AMS-S-6049-A, M 272.1040 REV. R								
CERTIFICATION REQUIREMENTS								
Chemical Properties								
C	Si	Mn	P	S	Cu	Ni	Cr	Mo
.41	.25	.84	.009	.005	.07	.44	.55	.21
Physical Properties								
Grain Size	Jominy 1	Jominy 2	Jominy 3	Inclusions	Macro	Cleanliness	Mill Source	
6	J5=55	J8=48	J10=45	S2-R1-C2	GOOD	F&S=0	Charter	
Country of Origin								
USA - DFAR Compliant								
Mechanical Properties								
TEST	UNITS					Results		
Tensile Strength	KSI					133.5		
Yield Strength	KSI					113.4		
% Elongation	%					8		
% Reduction of Area	%					59.5		
Rockwell Hardness C Scale	HRC					29		
Decarb (Total)	In					0.00		

Merchandise covered by this invoice is warranted to be free from defects in workmanship or material but not for any specific length of time, type or measure of service. No claim for allowance will be recognized unless presented in writing within 10 days time after receipt of material. Our maximum liability for any claim predicated upon defective merchandise is limited to replacement of it, or to repayment of it, or to repayment of the purchase price thereof, as we elect. Material cut to specific length or size cannot be returned for credit and request for cancellation of such orders will not be considered if manufacture has been commenced. Buyer, by acceptance of the merchandise covered by this invoice, agrees to the foregoing terms and conditions and those set forth on the reverse hereof. "The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal statutes including Federal law, Title 18, Chapter 47."

REPRODUCTION OF THIS CERTIFICATION IS NOT ALLOWED UNLESS IN FULL.

Wire Tech, Inc. metallurgical laboratory is accredited in the following test: chemical analysis per ASTM E 415, mechanical testing per ASTM A 370, Rockwell hardness per ASTM E 18, metallographic mount preparation per ASTM E 3, decarburization depth per ASTM E 1077, IFI 140, inclusion rating per ASTM E 45, decarburization performed as per IFI 140. The reported Chemical and Physical Properties are Melt Source results. Transcribed from mill certificates. HRB(W) are hardness results performed with a 1/16" carbide ball. Unless otherwise specified, HRB and HRC results are conversions from ASTM A370 tables 1 and 2. *Test result not covered by our current A2LA accreditation. Tests which have been undertaken by a subcontractor laboratory that is not accredited are not endorsed by A2LA or covered by Wire Tech, Inc. A2LA accreditation.

TEST RESULTS RELATE ONLY TO THE ITEMS TESTED.

DFAR Material per Clauses 252.225-7014 ALT. 1, 252.225-7009, & 225.003(9)

"LATEST REVISIONS OF ASTM"

Material is free of mercury, radium, or alpha contamination.



A72252

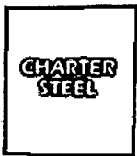


JAN - 8 2013

1000543706

01/04/2013

DATE



CHARTER STEEL

A Division of
Charter Manufacturing Company, Inc.

EMAIL

1658 Cold Springs Road
Saukville, Wisconsin 53080

(262) 268-2400

1-800-437-8789

FAX (262) 268-2570

CHARTER STEEL TEST REPORT

Reverse Has Text And Codes

Wiretech Incorporated
6440 East Canning Street
Attn: Andre Stephan
Los Angeles, CA-90040

Cust P.O.	6889-1
Customer Part #	8740C1A060-C-R
Charter Sales Order	70033593
Heat #	10210900
Ship Lot #	4163422
Grade	8740 R SK FG AQ 1/4
Process	HRSA
Finish Size	1/4

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed below and on the reverse side, and that it satisfies these requirements.

Lab Code: 7388

Test Results of Heat Lot# 10210900

CHEM	C	MN	P	S	SI	NI	CR	MO	CU	SN	V
%Wt	.41	.84	.009	.005	.25	.44	.55	.21	.07	.006	.003
	AL	N	B	TI	NB						
	.027	.0070	.0000	.002	.002						
JOMINY(HRC)	JOM01	JOM02	JOM03	JOM04	JOM05	JOM06	JOM07	JOM08	JOM09	JOM10	JOM12
	57	57	57	57	55	52	50	48	47	45	43
	JOM14	JOM16	JOM18	JOM20	JOM24	JOM28	JOM32				
	40	38	37	36	34	32	30				

JOMINY SAMPLE TYPE ENGLISH = C
MACRO ETCH SURFACE = 1 MACRO ETCH RANDOM = 1 MACRO ETCH CENTER = 1
AMS 2301 FREQUENCY AVERAGE = .00 AMS 2301 FREQUENCY INDIVIDUAL = .00
AMS 2301 SEVERITY AVERAGE = .00 AMS 2301 SEVERITY INDIVIDUAL = .00
CHEM. DEVIATION EXT.-GREEN =

REDUCTION RATIO = 616:1

Test Results of Rolling Lot# 1076399

	# of Tests	Min Value	Max Value	Mean Value	
TENSILE	12.0	78.1	88.4	84.5	TENSILE LAB = 0358-02
REDUCTION OF AREA	12	67	76	72	RA LAB = 0358-02
ROCKWELL B	4	84	89	86	RB LAB = 0358-02

NUM DECARB = 4 FREE FERRITE DECARB = .000 FREE FERR & PARTIAL DECARB = .002
CP SPHERO % LAB = 0358-02 NUM SPHERO = 4 SPHERODIZATION = 86.9

Specifications:

Manufactured per Charter Steel Quality Manual Rev 9.08-01-09

Meets customer specifications with any applicable Charter Steel exceptions for the following customer documents:
Customer Document = AMS6322N/AMS2301K/COP3010M/BS2S147:1976 CHEM ONLY Revision = Dated =

Additional Comments:

JAN - 8 2013



Charter Steel
Saukville, WI, USA



Page 1 of 1

This MTR supersedes all previously dated MTRs for this order

Janice Barnard
Janice Barnard
Manager of Quality Assurance
09/18/2012

Rem: Load1,Fax0,Mail0

A72252
10210900
Wiretech Inc

The following statements are applicable to the material described on the front of this Test Report:

1. Except as noted, the steel supplied for this order was melted, rolled, and processed in the United States meeting DFAR's compliance.
2. Mercury was not used during the manufacture of this product, nor was the steel contaminated with mercury during processing.
3. Unless directed by the customer, there are no welds in any of the coils produced for this order.
4. The laboratory that generated the analytical or test results can be identified by the following key:

Certificate Number	Lab Code	Laboratory		Address
0358-01	7388	CSSM	Charter Steel Melting Division	1653 Cold Springs Road, Saukville, WI 53080
0358-02	8171	CSSR/CSSP	Charter Steel Rolling/Processing Division	1658 Cold Springs Road, Saukville, WI 53080
0358-03	123633	CSFP	Charter Steel Ohio Processing Division	6255 US Highway 23, Risingsun, OH 43457
0358-04	125544	CSCM/CSCR	Charter Steel Cleveland	4300 E. 49th St., Cuyahoga Heights, OH 44125-1004
.	.	--	Subcontracted test performed by laboratory not in Charter Steel system	

5. When run by a Charter Steel laboratory, the following tests were performed according to the latest revisions of the specifications listed below, as noted in the Charter Steel Laboratory Quality Manual:

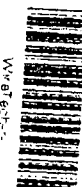
Test	Specification	CSSM	CSSR/CSSP	CSFP	CSCM/CSCR
Chemistry Analysis	ASTM E415; ASTM E1019	X			X
Macroetch	ASTM E381	X			X
Hardenability (Jominy)	ASTM A255; SAE J406; JIS G0561	X			X
Grain Size	ASTM E112	X	X	X	X
Tensile Test	ASTM E8; ASTM A370		X	X	X
Rockwell Hardness	ASTM E18; ASTM A370	X	X	X	X
Microstructure (spheroidization)	ASTM A892		X	X	
Inclusion Content (Methods A, E)	ASTM E45		X		X
Decarburization	ASTM E1077		X	X	X

Charter Steel has been accredited to perform all of the above tests by the American Association for Laboratory Accreditation (A2LA). These accreditations expire 01/31/13.

All other test results associated with a Charter Steel laboratory that appear on the front of this report, if any, were performed according to documented procedures developed by Charter Steel and are not accredited by A2LA.

6. The test results on the front of this report are the true values measured on the samples taken from the production lot. They do not apply to any other sample.
7. This test report cannot be reproduced or distributed except in full without the written permission of Charter Steel. The primary customer whose name and address appear on the front of this form may reproduce this test report subject to the following restrictions:
 - It may be distributed only to their customers
 - Both sides of all pages must be reproduced in full
8. This certification is given subject to the terms and conditions of sale provided in Charter Steel's acknowledgement (designated by our Sales Order number) to the customer's purchase order. Both order numbers appear on the front page of this Report.
9. Where the customer has provided a specification, the results on the front of this test report conform to that specification unless otherwise noted on this test report.

JAN - 8 2013



A72252

1000543706

Certificate of Analysis

Radcliff Wire Inc. 97 Ronzo Rd., P.O. Box 603, Bristol, CT 06010

Date Shipped: 11/6/2012

PO #: VP125694

Qty. Shipped: 119 LBS-11 BLACK
MIG SPOOLS

Radcliff No.: 125948

Heat No.: D6491

Customer: CHERRY AEROSPACE
SANTA ANA OPERATIONS
1224 EAST WARNER AVE
SANTA ANA, CA 92705-5414

Country of Origin: USA

Original Mill Source: USA

Size: .006 X .011 X .056 ***

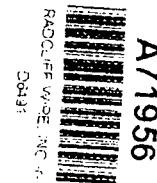
Material: A286 Stainless Steel

Description: SPECIAL SHAPE

Specification: AMS 5731 REV L, AMS 5737 REV P
CHEM ONLY

Notes:

DFAR COMPLIANT
NET WGT 119 LBS
CONSIGNMENT ORDER
PART# M189.44 REV W



Chemical Properties

Al: 0.22%	B: 0.0072%	Bi: <0.00001%	C: 0.032%	Co: 0.05%
Cr: 14.24%	Cu: 0.06%	Fe: BAL%	Mn: 0.19%	Mo: 1.21%
Ni: 24.9%	P: 0.012%	Pb: 0.0001%	S: <0.001%	Si: 0.06%
Ti: 2.27%	V: 0.26%			

DEC 11 2012



Tensile: 93 KSI

Rockwell:

Certs/Material

Lisa Piatek
Certification Clerk

The material as shipped is free from mercury contamination

1000543706

DUMAS, AP
LANCASTER, SC

370-382-2980 FAX 370-382-6938
803-283-3353 FAX 803-283-6333



FON DU LAC, WI
UNION, IL
PERF, CA

920-926-0603 FAX 920-926-0652
815-923-2151 FAX 815-923-2125
951-657-2105 FAX 951-943-6051

THE LEADING MANUFACTURER OF STAINLESS STEEL AND NICKEL ALLOY WIRE PRODUCTS
EXECUTIVE OFFICES: PERTH, ON CANADA EMAIL: sales@centralwire.com

CENTRAL WIRE
6509 OLSON ROAD
TEL: 815-923-2131

UNION, IL 60180-9730
FAX: 815-923-2126

CERTIFICATE OF CONFORMANCE

SOLD
TO

RADCLIFF WIRE INC.
P. O. BOX 603
BRISTOL

CT 06011-0603

SHIP
TO

RADCLIFF WIRE INC
97 RONZ ROAD
BRISTOL

CT 06011-0603

USA

USA

CUSTOMER'S PO NO.	TYPE OF CERT	CUSTOMER	ORDER NO.	WORK ORDER	DATE SHIPPED
45088	Customer	124610	11729 8 3	4133223	7/20/12

SPECIFICATIONS:

ITEM DESCRIPTION

DESCRIPTION	SPEC. CLASS	HEAT
Forming A286SF SKIN PASSED Bright .0430 200LB.Plus Clean	Melt mill Latrobe Country of origin USA	D6491
	QTY SHIP 205	044

CHEMICAL ANALYSIS

C .032	MN .19	SI .06	P .012	S <.001	CR 14.24	NI 24.90
MO 1.21	CU .06	CO .05	AL .22	TI 2.27	FE balance	B .0072
V .26	BI <.00001	PB <.0001				

MECHANICAL PROPERTIES

AS SHIPPED PROPERTIES:

TENSILE
105.000
KSI

AFTER HEAT TREAT PROPERTIES:

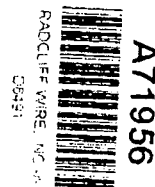
"PASSIVATED IN PROCESS"

DEC 11 2012

The material as shipped is free from mercury contamination. I certify the chemical analysis and physical and mechanical test results reported above are correct as contained in the records of the company.

Very truly yours,

AUTHORIZED SIGNATURE



CERTIFICATE OF TEST

Production Order Number	Wgt. Shipped	Sales Order No.	Heat No.
10393908	5469	20176286-2	D6491
Customer Order No./Req. No.	Customer Material	Delivery Number	
2010117	RBA286 3430 1	30422058	
Bill To: 502026 CENTRAL WIRE TECHALLOY UNION 6509 OLSON ROAD UNION IL 60180		Ship To: 407182 CENTRAL WIRE FOND DU LAC 1795 SOUTH HICKORY STREET FOND DU LAC WI 54937	

MATERIAL DESCRIPTION:

(TO SIZE) .343 RND COIL LS-A286 VAR HR D.3.PRS.010.S REV B + SAD 19565, D.3.PRS.010.S REV B EXCEPT 300#
MINIMUM COIL WEIGHT & .008" MAX DEFECT DEPTH, 10 CFR CH. I (1-1-08 EDITION) PART 21 - REPORTING OF DEFECTS &
NONCOMPLIANCE INGOT #1

Chemical Analysis Wt%:

C	Si	Mn	S	P	B	Cr	V	Ni	Mo	Co	Cu	Ti
.032	.06	.19	<.001	.012	.0072	14.24	.26	24.90	1.21	.05	.06	2.27
Al	Fe	Bi	Pb									
.22	BAL	<.00001	<.0001									

Lead (Pb) and bismuth (Bi) were tested at Laboratory Testing Inc., Report number TLS001-11-10-37564-1, TLS001-11-11-39317-1 & TLS001-11-10-37411-1.

As Received:

Ultimate Tensile Strength per ASTM E8-09 & ASTM A370-11: 101.4 KSI
This test was performed at Product Evaluation Systems, Inc., LTB report No. 5127A

Grain Size per ASTM E-112-10: 9

Capability Heat Treatment: 1650°F (2 hrs) WQ + 1325°F (16 hrs) AC

Room Temperature Tensile Test per ASTM E8-09 & ASTM A370-11:
Longitudinal center at .343" Rnd.

ID	UTS(ksi)	0.2TYS(ksi)	EL(%in4d)	R.A.(%)	HRC
BZ	169.4	111.3	23	49	37

This test was performed at Westmoreland Mechanical Testing Research, Inc.,
Report No. 1-83891.

Combination Stress Rupture per ASTM E292-09:

ID	Temp(°F)	Stress(ksi)	EL(%in4d)	Rupture Life (hrs)^	Rupture Location
CO	1200	65	35.7	51.9	Smooth

^Upload after 48 hrs/5 KSI/every 8-10 hrs, Final stress 70 KSI.

This test was performed at Westmoreland Mechanical Testing Research, Inc.,
Report No. 1-83891.

Grain Size per ASTM E-112-10: 9

Testing methods for chemical analysis tested at Latrobe Specialty Steel are as follows: C,S,N,O & H = Combustion; Si, Mn, W, Cr = X-Ray; Balance of elements analyzed on OES. Other testing methods not listed above have been conducted per certified material specification(s).

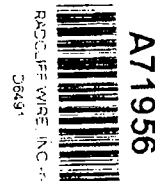
Latrobe Specialty Steel Company is registered to Quality Management System Standards: ISO 9001 and AS 100.
Need certs? Our air melt certs are available online at <http://www.latrobesteel.com>

We certify this material to have been manufactured, inspected, and tested; and found the results to conform to all drawing and/or specification requirements and order requirements as applicable. The recording of false, fictitious or fraudulent statements or entries on the documents may be punishable as a felony under Federal Statute. This certificate or report shall not be reproduced except in full, without the written approval of Latrobe Specialty Steel Company.

Inspection Department
Paula M Platt - Sr Metallurgical Coordinator

01/23/2012
Date

1000543706



CERTIFICATE OF TEST

Production Order Number 10393908	Wgt. Shipped 5469	Sales-Order No. 20176286-2	Heat No. D6491
Customer Order No./Req. No. 2010117	Customer Material RBA286 3430 1	Delivery Number 30422058	
Bill To: 502026 CENTRAL WIRE TECHALLOY UNION 6509 OLSON ROAD UNION IL 60180		Ship To: 407182 CENTRAL WIRE FOND DU LAC 1795 SOUTH HICKORY STREET FOND DU LAC WI 54937	

MATERIAL DESCRIPTION:

(TO SIZE) .343 RND COIL LS-A286 VAR HR D.3.PRS.010.S REV B + SAD 19565, D.3.PRS.004.S REV F EXCEPT 300H
MINIMUM COIL WEIGHT & .008" MAX DEFECT DEPTH, 10 CFR CH. I (1-1-08 EDITION) PART 21 - REPORTING OF DEFECTS &
NONCOMPLIANCE INGOT #1

Capability Heat Treatment: 1800°F (1 hr) WQ + 1325°F (16 hrs) 2C

Room Temperature Tensile Test per ASTM E8-09 & ASTM A370-11:
Longitudinal center at .343" Rnd.

ID	UTS(ksi)	0.2TYS(ksi)	El(%in4d)	R.A.(%)	HRC
C2	165.1	100.5	27	54	26

This test was performed at Westmoreland Mechanical Testing & Research, Inc.,
Report No. 1-83883.

Combination Stress Rupture per ASTM E292-09:

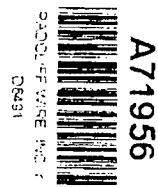
ID	Temp(°F)	Stress(ksi)	El(%in4d)	Rupture Life (hrs)^	Rupture Location
C3	1200	70	17.1	49.5	Smooth

^Upload after 48 hrs./ 5 KSI/ every 8-10 hrs.; final stress 75 KSI

This test was performed at Westmoreland Mechanical Testing & Research, Inc.,
Report No. 1-83883.

Country of origin (Manufacturing & Melting): USA

During the manufacturing process, this material has not come in direct contact with Mercury or any of its compounds or any Mercury or Cobalt 60 or other radioactive sources containing device employing a single boundary of containment. Material is also weld and radioactive contamination free.



DEC 11 2012



Testing methods for chemical analysis tested at Latrobe Specialty Steel are as follows: C,S,N,O & H - Combustion; Si, Mn, V, Cr - Ni, Mo, Co - Cu, Al 1%, Ti 1%, Cb, Ta, Fe & Sn - X-Ray. Balance of elements analyzed on OES. Other testing methods not listed above have been conducted per certified material specification(s).

Latrobe Specialty Steel Company is registered to Quality Management System Standards: ISO 900 and ASS 00.
Need certs? Our air melt certs are available online at <http://www.latrobebesteel.com>

We certify this material to have been manufactured, inspected, and tested; and found the results to conform to all drawing and/or specification requirements and order requirements as applicable. The recording of false, fictitious or fraudulent statements or entries on the documents may be punishable as a felony under Federal Statute. This certificate or report shall not be reproduced except in full, without the written approval of Latrobe Specialty Steel Company.

Paula M Platt

01/23/2012



CHERRY AEROSPACE
SPS Testing Division, a PCE Company

1224 East Warner Avenue
Santa Ana, CA 92707-0157



Chemical Processing
Heat Treating
ISO/IEC 17025
Material Testing Lab

Final Inspection & Test Report

CherryMax® Rivet

An ISO9001 and AS9100 registered company. OASIS #8111041606

Part Numbers	Rev	Proc. Spec.	Rev
CR3213-4-04	AB	PS-CMR-3000	R
CR3213PR-4-04	AB	PS-CMR-3000	R

** See 2nd Page for the Customer Parts

Lot I.D. No.: **87777073**

Lot Size: **32,600**

MFG. Date: **February 07, 2013**

ASSEMBLY DATA

TYPE	ID #	CERT #	MATERIAL	FINISH	LUBE
Rivet	87767240	A72032	QQ-A-430/5056	MIL-C-5541 CLEAR CL1A	None
Stem	87767234	A72252	AMS6322 / 8740ST	QQ-P-416/T2CL2/CAD PL	None
Collar	00000000	A71956	A-286 / AMS5731	Passivate per AMS2700	None

W.O. #: 5509068

Final Lube: None

QUALITY CONFORMANCE/ACCEPTANCE RESULTS

MIN REQ'D SAMPLE SIZE SPECS	INSTALLED SHEAR		TENSION		SPINDLE RETENTION		DISASSEMBLY
	655		285		125		10
	8	N/A	8	N/A	8	N/A	5
	C-N-M	B	C-N-M	B	C-N-M	B	C-N-M
RESULTS	866		303		252		57
	895		368		264		47
	849		384		233		71
	829		388		226		78
	987		395		260		80
C=CR N=NAS	848		382		262		
M=MIL B=BAC	846		389		244		
LOAD VALUES IN POUND	844		409		242		

<u>PCS</u>	<u>ITEM</u>	<u>STATUS</u>	<u>PCS</u>	<u>ITEM</u>	<u>STATUS</u>
20	EXAMINATION	PASS	20	INSTALLATION (Min and Max Grips)	PASS

Comments:

Blind Fastener

Tr. Rev: -

Rev. Date: 2/7/2013

Inspector

J Esquivel

Q Code

V09



The parts contained in this shipment have been manufactured and inspected in accordance with TSO-C148. The conditions and tests required for TSO approval of this article are minimum performance standards. Aircraft fasteners approved under this TSO are not necessarily interchangeable with other aircraft fasteners approved under this TSO. Fasteners of similar dimensional properties may have widely varying performance and metallurgical properties. Substitution of parts may only be done if acceptable to or approved by the Administrator.

This test report shall not be reproduced except in full, without the written approval of the laboratory.
The recording of false, fictitious, or fraudulent statement or entries on the certificate may be punished as a felony under Federal law.

Form No. 1141-10-75 Rev. F 07/15/10 CR10-0832

1000543706 Page 1 of 2



CHERRY[®] AEROSPACE
313 Fastener Division • PCC Company

1224 East Warner Avenue
Santa Ana, CA 92707-0157



Chemical Processing
Heat Treating
ISO/IEC 17025
Material Testing Lab

Final Inspection & Test Report CherryMax[®] Rivet

An ISO9001 and AS9100 registered company. OASIS #6111041606

Customer Parts List

Lot I.D. No.: 87777073

Rev: -

<u>Customer Part Number</u>	<u>Rev</u>	<u>Proc. Spec.</u>	<u>Rev</u>
NAS9301BNS-4-04	5	NAS1686	3
ASNA0078A404	P	MIL-R-7885	D2
ASNA0078A404	P	NAS1686	3
ASNA0078A404	P	PS-CMR-3000	R
B0207005-4-04	E	MIL-R-7885	D2
B0207005-4-04	E	NAS1686	3
B0207005-4-04	E	PS-CMR-3000	R
CAN43078B4-4	8	MIL-R-7885	D2
CAN43078B4-4	8	NAS1686	3
CAN43078B4-4	8	PS-CMR-3000	R
M7885/2-4-04	D2	MIL-R-7885	D2
MBBN3012L3204	01/06	MBBN3015	12/03
NAS9301B-4-04	5	NAS1686	3

Parts delivered in accordance with the standard amendments as agreed by Cherry/EADS.

CERTIFIED INSPECTION REPORT AND TEST RESULTS

KAISER ALUMINUM

1547 Helton Drive - Florence, AL 35630

SHIP TO:

CHERRY AEROSPACE LLC

VMI / CONSIGNMENT AGREEMENT

1224 EAST WARNER AVE

SANTA ANA, CA 92705-5414

SOLD TO:

CHERRY AEROSPACE LLC

VMI / CONSIGNMENT AGREEMENT

1224 EAST WARNER AVE

SANTA ANA, CA 92705-5414

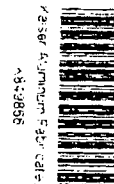
Customer PO Number VP201202-1		NW WORK ORDER NO. 09629		<i>Dave Mullen</i>	
DESCRIPTION 123 5056 H32 STEM				AUTHORIZED SIGNATURE QUALITY CONTROL MANAGER	
CUSTOMER PART NO.	ALLOY 5056	TEMPER H32 ✓		We hereby certify that the material covered by this report has been inspected in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown on this sheet.	
NW PART NO. H123A7		DATE SHIPPED 11/6/2012			
WEIGHT SHIPPED 1,305					

LOT NUMBER	# OF TESTS	ULTIMATE		YIELD		% ELONGATION	
		STRENGTH K.S.I.		STRENGTH K.S.I.			
		Min	Max	Min	Max		
K849866	2	48.2	48.7				

COMMENTS:

M005.123 REV T ✓
QQA-430C
MILL SOURCE KAISER
MADE IN USA

DEC 11 2012



A72032

CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		OTHERS	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	5056		0.30		0.40		0.10	0.05	0.20	4.50	5.60	0.05	0.20	0.05	0.15
		NICKEL		ZINC		TITANIUM		LEAD		BISMUTH					
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
					0.10										
	ALUMINUM REMAINDER														

1000543706

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum Fabricated Products, LLC
600 Kaiser Drive
Heath, OH 43056-1088
740-522-1151

CUSTOMER PO NUMBER: FLO-1490		CUSTOMER PART NUMBER: 6Z37KH		PRODUCT DESCRIPTION: ALY-JUMBO	
KAISER ORDER NUMBER: 624543944	LINE ITEM: 1	SHIP DATE: 10/09/2012	ALLOY: K540	TEMPER: F	
WEIGHT SHIPPED: 24698 lbs.	QUANTITY: 115 pcs.	B/L NUMBER: 4983	DIAM/DAF/THKNS: 0.375 in.	WIDTH: 0.000 in.	LENGTH: 0.0 in.
SHIP TO: FLORENCE 1547 HELTON DRIVE FLORENCE, AL 35630			SOLD TO: FLORENCE 1547 HELTON DRIVE FLORENCE, AL 35630		

Test Code: 4000

Actual Physical Properties

Lot No.

849866 0.0

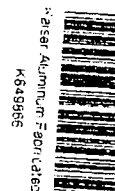
Chemical Composition, WT. % (Aluminum Remainder)

Lot		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
Cast/Drop									
ChemID									
849866									
43-1F2	Act.	0.04	0.07	0.00	0.07	4.8	0.07	0.01	0.01
175124									
Chemical	Min				0.05	4.5	0.05		
Limits	Max	0.30	0.40	0.10	0.20	4.9	0.20	0.10	0.05
	Others	Each	0.05	Max		Total	0.15	Max	

Specifications

QQA-430 REV C

DEC 11 2012



A72032

Plant Serial: 26709
Kaiser Order Number: 624543944
Line Item: 1

KAISER ALUMINUM FABRICATED PRODUCTS

Kaiser Aluminum Fabricated Products, LLC
600 Kaiser Drive
Heath, OH 43056-1088
740-522-1151

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Miscellaneous Notes

Made in USA

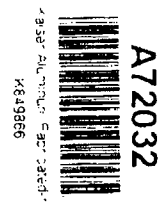
Product produced from K540 meets the requirements of aluminum alloy 5056. Mercury is not a normal contaminant in aluminum alloys. Neither mercury nor any of its compounds were utilized by Kaiser Aluminum in the manufacture of this material. Actual (Act) chemical composition is from representative samples taken during the ingot casting process. Independent chemical analysis will vary from these values because of natural variation in the process and testing error. This test report shall not be reproduced, except in full, without the written approval of Kaiser Aluminum. The recording of false, fictitious, or fraudulent statements or entries on the certificate may be punished as a felony under federal law. Chemical analysis performed in accordance with ASTM E 1251-11. The Newark facility is AS9100C:2009 approved. The Newark Laboratory is NADCAP approved for chemical testing (OES).

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLP ("Kaiser") hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales order acknowledgement form. Any warranty is limited to that shown on Kaiser's standard general terms and conditions.

Warren Marcucci, Technical Manager

Warren Marcucci



DEC 11 2012



1000543706

**WireTech, Inc.**6440 E. Canning Street
Los Angeles, CA 90040
Phone (323) 722-4933
Fax (323) 721-2738

SOLD TO

WORK ORDER
096649HEAT NO.
10210900
SALES ORDER / RLS
848020 / 1
ISO 9001-2000 REGISTEREDMECHANICAL TESTING
CERT # 911.01

CERT# 911.01

CHERRY AEROSPACE LLC
1224 E. WARNER AVENUE
SANTA ANA, CA 92705-5414
USA

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	CARRIERS	LADING NO	SHIPMENT DATE
VP201301	m272.1040	3,165 Lbs	6	00101321	01/04/2013

SPECIFICATION **C208740-101040A**
A-8740, AQ, SKFG, CHQ WIRE, SEAM & DECARB FREE, SAIP Zinc Phosphate, Lime & Stearate Coating,
Size:0.1035/0.1045 Specifications: AMS 2301K, AMS6322N, MIL-S-6049A, AMEND1, ASTM-A-547, AMS-S-6049-A,
M 272.1040 REV. R

CERTIFICATION REQUIREMENTS

Chemical Properties

C	Si	Mn	P	S	Cu	Ni	Cr	Mo
.41	.25	.84	.009	.005	.07	.44	.55	.21

Physical Properties

Grain Size	Jominy 1	Jominy 2	Jominy 3	Inclusions	Macro	Cleanliness	Mill Source
6 J5=55	J8=48	J10=45	S2-R1-C2	GOOD	F&S=0	Charter	

Country of Origin
USA - DFAR Compliant

Mechanical Properties

TEST	UNITS	Results
Tensile Strength	KSI	133.5
Yield Strength	KSI	113.4
% Elongation	%	8
% Reduction of Area	%	59.5
Rockwell Hardness C Scale	HRC	29
Decarb (Total)	In	0.00

JAN - 8 2013



Merchandise covered by this invoice is warranted to be free from defects in workmanship or material but not for any specific length of time, type or measure of service. No claim for allowance will be recognized unless presented in writing within 10 days time after receipt of material. Our maximum liability for any claim predicated upon defective merchandise is limited to replacement of it, or to repayment of it, or to repayment of the purchase price thereof, as we elect. Material cut to specific length or size cannot be returned for credit and request for cancellation of such orders will not be considered if manufacture has been commenced. Buyer, by acceptance of the merchandise covered by this invoice, agrees to the foregoing terms and conditions and those set forth on the reverse hereof. "The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal statutes including Federal law, Title 18, Chapter 47."

REPRODUCTION OF THIS CERTIFICATION IS NOT ALLOWED UNLESS IN FULL.

Wire Tech, Inc. metallurgical laboratory is accredited in the following test: chemical analysis per ASTM E 415, mechanical testing per ASTM A 370, Rockwell hardness per ASTM E 18, metallographic mount preparation per ASTM E 3, decarburization depth per ASTM E 1077, IFI 140, inclusion rating per ASTM E 45, decarburization performed as per IFI 140. The reported Chemical and Physical Properties are Melt Source results. Transcribed from mill certificates. HRB(W) are hardness results performed with a 1/16" carbide ball. Unless otherwise specified, HRB and HRC results are conversions from ASTM A370 tables 1 and 2. *Test result not covered by our current A2LA accreditation. Tests which have been undertaken by a subcontractor laboratory that is not accredited are not endorsed by A2LA or covered by Wire Tech, Inc. A2LA accreditation.

TEST RESULTS RELATE ONLY TO THE ITEMS TESTED.
"LATEST REVISIONS OF ASTM"

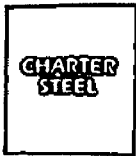
DFAR Material per Clauses 252.225-7014 ALT. 1, 252.225-7009, & 225.003(9)

Material is free of mercury, radium, or alpha contamination.

1000543706
LA Manager

01/04/2013

DATE



CHARTER STEEL

EMAIL

1658 Cold Springs Road
Saukville, Wisconsin 53080

(262) 268-2400

A Division of
Charter Manufacturing Company, Inc.

CHARTER STEEL TEST REPORT

Reverse Has Text And Codes

1-800-437-8789

FAX (262) 268-2570

Wiretech Incorporated
6440 East Canning Street
Attn: Andre Stephan
Los Angeles, CA-90040

Cust P.O.	6889-1
Customer Part #	8740C1A060-C-R
Charter Sales Order	70033593
Heat #	10210900
Ship Lot #	4163422
Grade	8740 R SK FG AQ 1/4
Process	HRSA
Finish Size	1/4

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed below and on the reverse side, and that it satisfies these requirements.

Lab Code: 7388

Test Results of Heat Lot# 10210900

CHEM	C	MN	P	S	SI	NI	CR	MO	CU	SN	V
%Wt	.41	.84	.009	.005	.25	.44	.55	.21	.07	.006	.003
	AL	N	B	TI	NB						
	.027	.0070	.0000	.002	.002						
JOMINY(HRC)	JOM01	JOM02	JOM03	JOM04	JOM05	JOM06	JOM07	JOM08	JOM09	JOM10	JOM12
	57	57	57	57	55	52	50	48	47	45	43
	JOM14	JOM16	JOM18	JOM20	JOM24	JOM28	JOM32				
	40	38	37	36	34	32	30				

JOMINY SAMPLE TYPE ENGLISH = C
MACRO ETCH SURFACE = 1 MACRO ETCH RANDOM = 1 MACRO ETCH CENTER = 1
AMS 2301 FREQUENCY AVERAGE = .00 AMS 2301 FREQUENCY INDIVIDUAL = .00
AMS 2301 SEVERITY AVERAGE = .00 AMS 2301 SEVERITY INDIVIDUAL = .00
CHEM. DEVIATION EXT.-GREEN =

REDUCTION RATIO = 616:1

Test Results of Rolling Lot# 1076399

	# of Tests	Min Value	Max Value	Mean Value	
TENSILE	12.0	78.1	88.4	84.5	TENSILE LAB = 0358-02
REDUCTION OF AREA	12	67	76	72	RA LAB = 0358-02
ROCKWELL B	4	84	89	86	RB LAB = 0358-02

NUM DECARB = 4 FREE FERRITE DECARB = .000 FREE FERR & PARTIAL DECARB = .002
CP SPHERO % LAB = 0358-02 NUM SPHERO = 4 SPHERODIZATION = 86.9

Specifications:

Manufactured per Charter Steel Quality Manual Rev 9,08-01-09

Meets customer specifications with any applicable Charter Steel exceptions for the following customer documents:
Customer Document = AMS6322N/AMS2301K/COP3010M/BS2S147:1976 CHEM ONLY Revision = Dated =

Additional Comments:

JAN - 8 2013



Charter Steel
Saukville, WI, USA



Page 1 of 1

Rem: Load1,Fax0,Mail0

This MTR supersedes all previously dated MTRs for this order

Janice Barnard
Janice Barnard
Manager of Quality Assurance
09/18/2012



The following statements are applicable to the material described on the front of this Test Report:

1. Except as noted, the steel supplied for this order was melted, rolled, and processed in the United States meeting DFAR's compliance.
2. Mercury was not used during the manufacture of this product, nor was the steel contaminated with mercury during processing.
3. Unless directed by the customer, there are no welds in any of the coils produced for this order.
4. The laboratory that generated the analytical or test results can be identified by the following key:

Certificate Number	Lab Code	Laboratory		Address
0358-01	7388	CSSM	Charter Steel Melting Division	1653 Cold Springs Road, Saukville, WI 53080
0358-02	8171	CSSR/CSSP	Charter Steel Rolling/Processing Division	1658 Cold Springs Road, Saukville, WI 53080
0358-03	123633	CSFP	Charter Steel Ohio Processing Division	6255 US Highway 23, Risingsun, OH 43457
0358-04	125544	CSCM/CSCR	Charter Steel Cleveland	4300 E. 49th St., Cuyahoga Heights, OH 44125-1004
.	.	--	Subcontracted test performed by laboratory not in Charter Steel system	

5. When run by a Charter Steel laboratory, the following tests were performed according to the latest revisions of the specifications listed below, as noted in the Charter Steel Laboratory Quality Manual:

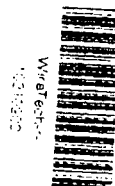
Test	Specification	CSSM	CSSR/CSSP	CSFP	CSCM/CSCR
Chemistry Analysis	ASTM E415; ASTM E1019	X			X
Macroetch	ASTM E381	X			X
Hardenability (Jominy)	ASTM A255; SAE J406; JIS G0561	X			X
Grain Size	ASTM E112	X	X	X	X
Tensile Test	ASTM E8; ASTM A370		X	X	X
Rockwell Hardness	ASTM E18; ASTM A370	X	X	X	X
Microstructure (spheroidization)	ASTM A892		X	X	
Inclusion Content (Methods A, E)	ASTM E45		X		X
Decarburization	ASTM E1077		X	X	X

Charter Steel has been accredited to perform all of the above tests by the American Association for Laboratory Accreditation (A2LA). These accreditations expire 01/31/13.

All other test results associated with a Charter Steel laboratory that appear on the front of this report, if any, were performed according to documented procedures developed by Charter Steel and are not accredited by A2LA.

6. The test results on the front of this report are the true values measured on the samples taken from the production lot. They do not apply to any other sample.
7. This test report cannot be reproduced or distributed except in full without the written permission of Charter Steel. The primary customer whose name and address appear on the front of this form may reproduce this test report subject to the following restrictions:
 - It may be distributed only to their customers
 - Both sides of all pages must be reproduced in full
8. This certification is given subject to the terms and conditions of sale provided in Charter Steel's acknowledgement (designated by our Sales Order number) to the customer's purchase order. Both order numbers appear on the front page of this Report.
9. Where the customer has provided a specification, the results on the front of this test report conform to that specification unless otherwise noted on this test report.

JAN - 8 2013



A72252

1000543706

Certificate of Analysis

Radcliff Wire Inc. 97 Ronzo Rd., P.O. Box 603, Bristol, CT 06010

Date Shipped: 11/6/2012

PO #: VP125694

Qty. Shipped: 119 LBS-11 BLACK
MIG SPOOLS

Radcliff No.: 125948

Heat No.: D6491

Customer: CHERRY AEROSPACE
SANTA ANA OPERATIONS
1224 EAST WARNER AVE
SANTA ANA, CA 92705-5414

Country of Origin: USA

Original Mill Source: USA

Size: .006 X .011 X .056 ***

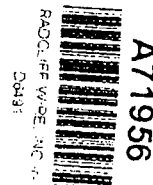
Material: A286 Stainless Steel

Description: SPECIAL SHAPE

Specification: AMS 5731 REV L, AMS 5737 REV P
CHEM ONLY

Notes:

DFAR COMPLIANT
NET WGT 119 LBS
CONSIGNMENT ORDER
PART# M189.44 REV W



Chemical Properties

Al: 0.22%	B: 0.0072%	Bi: <0.00001%	C: 0.032%	Co: 0.05%
Cr: 14.24%	Cu: 0.06%	Fe: BAL%	Mn: 0.19%	Mo: 1.21%
Ni: 24.9%	P: 0.012%	Pb: 0.0001%	S: <0.001%	Si: 0.06%
Ti: 2.27%	V: 0.26%			

DEC 11 2012



Tensile: 93 KSI

Rockwell:

Certs/Material

Lisa Piatek

Certification Clerk

The material as shipped is free from mercury contamination

1000543706

DUMAS, AP
LANCASTER, SC

920-926-0603 FAX 920-926-0652
815-923-2123 FAX 815-923-2125
951-657-2105 FAX 951-943-6051

CENTRAL WIRE

FON DU LAC, WI
UNIC IL
PERF CA

920-926-0603 FAX 920-926-0652
815-923-2123 FAX 815-923-2125
951-657-2105 FAX 951-943-6051

THE LEADING MANUFACTURER OF STAINLESS STEEL AND NICKEL ALLOY WIRE PRODUCTS
EXECUTIVE OFFICES: PERTH, ON CANADA EMAIL: sales@centralwire.com

CENTRAL WIRE
6509 OLSON ROAD
TEL: 815-923-2131

UNION, IL 60180-9730
FAX: 815-923-2126

CERTIFICATE OF CONFORMANCE

SOLD
TO

RADCLIFF WIRE INC.
P. O. BOX 603
BRISTOL

CT 06011-0603 SHIP
TO

USA

RADCLIFF WIRE INC
97 RONZ ROAD
BRISTOL

CT 06011-0603

USA

CUSTOMER'S PO NO.	TYPE OF CERT	CUSTOMER	ORDER NO.	WORK ORDER	DATE SHIPPED
45088	Customer	124610	11729 8 3	4133223	7/20/12
SPECIFICATIONS:					

ITEM DESCRIPTION

DESCRIPTION	SPEC. CLASS	HEAT
Forming A286SF SKIN PASSED Bright .0430 200LB.Plus Clean		D6491
Melt mill Latrobe Country of origin USA		
	QTY SHIP 205	044

CHEMICAL ANALYSIS

C .032	MN .19	SI .06	P .012	S < .001	CR 14.24	NI 24.90
MO 1.21	CU .06	CO .05	AL .22	TI 2.27	FE balance	B .0072
V .26	BI < .00001	PB < .0001				

MECHANICAL PROPERTIES

AS SHIPPED PROPERTIES:

TENSILE 105.000 KSI					
---------------------------	--	--	--	--	--

AFTER HEAT TREAT PROPERTIES:

--	--	--	--	--	--

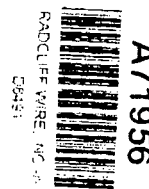
"PASSIVATED IN PROCESS"

DEC 11 2012

The material as shipped is free from mercury contamination. I certify the chemical analysis and physical and mechanical test results reported above are correct as contained in the records of the company.

Very truly yours,

David J. King
AUTHORIZED SIGNATURE



CERTIFICATE OF TEST

Production Order Number 10393908	Wgt. Shipped 5469	Sales-Order-No. 20176286-2	Heat No. D6491
Customer Order No./Req. No. 2010117	Customer Material RBA286 3430 1	Delivery Number 30422058	
Bill To: 502026 CENTRAL WIRE TECHALLOY UNION 6509 OLSON ROAD UNION IL 60180		Ship To: 407182 CENTRAL WIRE FOND DU LAC 1795 SOUTH HICKORY STREET FOND DU LAC WI 54937	

MATERIAL DESCRIPTION:

(TO SIZE) .343 RND COIL LS-A286 VAR HR D.3.PRS.010.S REV B + SAD 19565, D.3.PRS.004.S REV F EXCEPT 3048
MINIMUM COIL WEIGHT & .008" MAX DEFECT DEPTH, 10 CFR CH. I (1-1-08 EDITION) PART 21 - REPORTING OF DEFECTS &
NONCOMPLIANCE INGOT #1

Capability Heat Treatment: 1800°F (1 hr) WQ + 1325°F (16 hrs) 2C

Room Temperature Tensile Test per ASTM E8-09 & ASTM A370-11:
Longitudinal center at .343" Rnd.

ID	UTS(ksi)	0.2TYS(ksi)	El(%in4d)	R.A.(%)	HRC
C2	165.1	100.5	27	54	26

This test was performed at Westmoreland Mechanical Testing & Research, Inc.,
Report No. 1-83883.

Combination Stress Rupture per ASTM E292-09:

ID	Temp(°F)	Stress(ksi)	El(%in4d)	Rupture Life (hrs)**	Rupture Location
C3	1200	70	17.1	49.5	Smooth

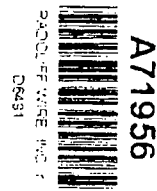
**Upload after 48 hrs./ 5 KSI/ every 8-10 hrs.; final stress 75 KSI

This test was performed at Westmoreland Mechanical Testing & Research, Inc.,
Report No. 1-83883.

Country of origin (Manufacturing & Melting): USA

During the manufacturing process, this material has not come in direct contact with Mercury or any of its compounds or any Mercury or Cobalt 60 or other radioactive sources containing device employing a single boundary of containment. Material is also weld and radioactive contamination free.

DEC 11 2012



Testing methods for chemical analysis tested at Latrobe Specialty Steel are as follows: C, S, N, O & H - Combustion; Si, Mn, V, Cr - Ni, Mo, Co - Cu, Al > 1%, Ti > .1%, Cb, Ta, Fe & Sn - X-Ray. Balance of elements analyzed on OES. Other testing methods not listed above have been conducted per certified material specification(s).

Latrobe Specialty Steel Company is registered to Quality Management System Standards: ISO 900 and AS9000.
Need certs? Our air melt certs are available online at <http://www.latrobesteel.com>

We certify this material to have been manufactured, inspected, and tested; and found the results to conform to all drawing and/or specification requirements and order requirements as applicable. The recording of false, fictitious or fraudulent statements or entries on the documents may be punishable as a felony under Federal Statute. This certificate or report shall not be reproduced except in full, without the written approval of Latrobe Specialty Steel Company.

Paula M Platt
Inspection Department
Paula M Platt - Sr Metallurgical Coordinator

01/23/2012
Date



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO29228

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
003	50	EA	AN6-13A		72273	MAC FASTENERS	0RFT4		


Jason Lewis
Senior Director, Global Quality

07/22/15

Inv # 07/22/15

MACFASTENERS, INC.

Packing List

Bill KLX INC.

To: 10000 NW 15TH TERRACE
MIAMI, FL 33172

Ship B/E AEROSPACE CONSUMABLES MGMT

To: 9835 NW 14th Street
Miami, FL 33172
United States

Shipment No: 69687
Shipment Date: 05/28/15
Ship Via: United Parcel Service
Order Number: 50594
Order Date: 03/17/14

Customer Code: BE AEROSPACE
Phone: (305) 925-2600
PO Number: 0WYF43
Terms: Net 30 Days

LOT #72273

<u>Item</u>	<u>Quantity</u>				<u>Unit</u>	<u>Description</u>	<u>Revision</u>	<u>Job Number</u>
	<u>Open</u>	<u>Shipped</u>	<u>Back Ord</u>	<u>Canceled</u>				
1	5,000	4,072	0	928	EA	AN6-13A Bolt, machine-- Aircraft		72273

Packing Clerk's Initials
MACFASTENERS, INC.

Received In Good Order By
B/E AEROSPACE CONSUMABLES MGMT



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXAerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172

Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO29228

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
006	10	EA	MS20819-12J		P00033260-37076	DESIGNED METAL DBA P 14798			


Jason Lewis
Senior Director, Global Quality

07/22/15

Inv # 07/22/15

PERMASWAGE

PERMASWAGE - Nelson Aerospace
A Designed Metal Connections, Inc. Company
14800 S. Figueroa St
Gardena, CA 90248
Ph: 310-323-6200
Fax: 310-217-3192

Pack Slip: 58701

58701

Sales Order: 29800

29800-2-1

Page: 1 of 1

**Customer
Packing Slip****Ship To:**

B/E AEROSPACE CONSUMABLES MANAGEMEN
9835 NW 14TH ST
MIAMI FL 33172
USA

Verify AES requirements prior to shipment.

Sold To:

B/E AEROSPACE CONSUMABLES MANAG
10000 NW 15TH TERRACE
MIAMI FL 33172-2756
USA

Verify AES requirements prior to shipment.

Fax: 305-507-7192

Ship Date: 9/3/2014

Ship Via: FEDEX GROUND

F.O.B.: EX WORKS

Cust P.O.: ORLR87

Salesperson: JIM THOMPSON

PO Line	Part Number	Shipped Qty	Part Number Description	Rev	Lot Number
---------	-------------	-------------	-------------------------	-----	------------

FEDEX GRD # 0331-0149-0

RELEASE # BR500RLR87
5,000

5,000

MS20819-12J
SLEEVE

G F00033260-37076

Sale Order / Line / Release: 29800 / 2 / 1

Customer PO Number: ORLR87

Certificates Required:Standard Certification: Yes
Full Certifications: NoFirst Article Inspection: No
Chemical/Physical: NoMaterial Certificate: No
FAIR per AS9102: No**Product is compliant to DFAR 252.225-7009****5 BOXES - 10X10X10 - 30 LBS EA**

AN, MS, AS, NAS and other industry standard parts controlled by ECCN 9A991 and HTS 8803.30.00.00
Products listed have not been exposed to mercury or mercury compounds during the manufacturing process.

!! MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY PERMASWAGE-NELSON AEROSPACE SALES @ 818-686-0900 !!

WE HERBY CERTIFY THAT ALL PROVISIONS OF THE FAIR LABOR STANDARDS ACT ON 8/25/83 AS AMENDED HAVE BEEN FULLY COMPLIED WITH IN THE MANUFACTURE, PRODUCTION OR PURCHASE OF GOODS LISTED HEREON. ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE. ALL PAST DUE ACCOUNTS SHALL BEAR INTEREST AT THE RATE OF 112% PER MONTH (18% PER ANNUM).

Certification of Conformance

NELSON AEROSPACE WARRANTS THAT THE ITEMS OF THIS SHIPPER WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM, ACCOMPANYING THE ITEMS OF THIS INVOICE, ARE IN CONFORMITY WITH CONTRACT REQUIREMENTS AND SPECIFICATIONS, GOVERNMENT OR OTHERWISE. NELSON AEROSPACE DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF THE FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF NELSON AEROSPACE IS EXPRESSLY LIMITED TO REPLACEMENT OF ANY ITEM WHICH IS REJECTED BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP. SUCH REPLACEMENT SHALL CONSTITUTE SATISFACTION OF ALL LIABILITY NELSON AEROSPACE MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE OR OTHERWISE, AND IN NO EVENT SHALL NELSON AEROSPACE BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, NELSON AEROSPACE MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.

Country of Origin: MADE IN THE USA

BY RECEIVING DELIVERY OF THE GOODS COVERED BY THIS PACKING SLIP, BUYER EXPRESSLY ASSENTS TO THE TERMS AND CONDITIONS SET FORTH

Ken Curant

Manager of Quality Assurance or Designee



AIRFASCO
INDUSTRIES
MANUFACTURER OF AEROSPACE PRODUCTS

2655 HARRISON AVE. SW
CANTON, OH 44706
PHONE: (330)430-6190
FAX: (330)430-6199

CERTIFICATE OF CONFORMANCE

M&M AEROSPACE HARDWARE

I hereby certify that on 1/16/2008 AIRFASCO Industries provided the supplies called for by Contract/ PO Number **0EH731** in accordance with all applicable requirements for shipment. I further state that the process certifications are in conformance with the contract requirements, including specifications and/or drawings, physical item identification (part number) and the quantity shown on this or attached acceptance document. The part numbers certified below have been manufactured in the United States.


WM. DENT

Quality Assurance Representative

PART NUMBER	LOT NUMBER	QUANTITY	PART NUMBER	LOT NUMBER	QUANTITY
AN3-14A	12525	104,300			

CIF3-0



AIRFASCO

INDUSTRIES

MANUFACTURER OF AEROSPACE PRODUCTS

2655 HARRISON AVE. SW
CANTON, OH 44706
PHONE: (330)430-6190
FAX: (330)430-6199

PHYSICAL AND CHEMICAL CERTIFICATION

DATE MFG.: 02/28/06

PART NO.: AN3-14A per NASM3-14A rev. 1

AFC LOT NO.: 12525

QTY MFG.: 106,500

PROCUREMENT SPECIFICATION: Produced per NASM6812

HEAT TREAT

VENDOR: Brite Metal

CERTIFICATION NO.: B-130065

PROCUREMENT SPECIFICATION: Heat Treat per MIL-H-6875 H

PLATING

VENDOR: Beringer Plating

CERTIFICATION NO.: 38612

PROCUREMENT SPECIFICATION: Cadmium Plate QQ-P-416, Type II, Class 2, F

MATERIAL

MILL: Republic

COUNTRY OF MELT: USA

HEAT: 391495

GRADE SPECIFICATION: Alloy Steel per AMS6300 C, Type 4037, .221"

4037 MATERIAL CHEMISTRY

ELEMENT-ID.	-C-	-MN-	-P-	-S-	-SI-	-NI-	-CR-	-MO-	-CU-	-AL-	Other
LADLE	.380	.750	.015	.006	.200	.020	.030	.250	.010	.000	

PHYSICAL PROPERTIES

PHYSICAL	TENSILE	YIELD	SHEAR	HARDNESS
REQUIRED	2,210 lbs.	1,690 lbs.	2,125 lbs.	HRC 26-32
ACTUAL	3,213 lbs.	2,697 lbs.	2,455 lbs.	HRC 28-31

Non-Destructive Magnetic Particle per ASTM-E-1444-01

We hereby certify that the above data is correct and that the fasteners have been manufactured and inspected in accordance with Airfasco Industries quality requirements.

Airfasco Industries
Quality Assurance Representative:

Wm. Dent



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXAerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172

Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO29228

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
005	100	EA	MS20601AD4W3		87971282	CHERRY AEROSPACE SAN	11815		


Jason Lewis
Senior Director, Global Quality

07/22/15

Inv # 07/22/15



CHERRY[®]
AEROSPACE
SPS Fastener Division, a PCC Company

Cherry Aerospace
1224 East Warner Avenue
Post Office Box 2157
Santa Ana, CA 92707-0157
USA



PACKING LIST

Order No: SO384202
Order Date: 06/06/14
Print Date: 12/30/14

Page: 1



Sold-To: 10015341



Ship-To: 10043053

S O L D T O	KLX AEROSPACE SOLUTIONS
	PO BOX 025263
	MIAMI, FL 33102-5263
	USA

S H I P T O	KLX AEROSPACE SOLUTIONS
	9835 NW 14TH ST
	MIAMI, FL 33172
	USA

Salesperson (s):110

Purchase Order: 0YNB23

Credit Terms: NET 30
Net 30

Ship Via: FED EX NATIONAL CL
FOB: Origin - Collect

Remarks:

IF UNDER 150# SHIP FEDEX GROUND COLLECT ACCOUNT# 0331-0149-0
IF OVER 150# SHIP FED EX NATIONAL ACCOUNT# 018757 - DO NOT INSURE
DO NOT PREPAY AND ADD TO ANY OF THE ABOVE METHODS
DO NOT SHIP EARLIER THAN TWO (2) WEEKS PRIOR TO DUE DATE, UNLESS SPECIFIED.

BRITISH AEROSPACE APPROVAL# BAe/AG/30158/MAA to BAe/AG/QC/SC1 PART 3
AIRBUS APPROVAL# 30114

GOODS OF UNITED STATES ORIGIN

ECCN: EAR99

*IF APPLICABLE, PART MEETS DFARS CLAUSE 252.225-7009 ALT I
*PREFERENCE FOR DOMESTIC SPECIALTY METALS

Unless otherwise specified on this order, Cherry will manufacture and certify parts to the part number's latest revision. Latest revisions are shown at <https://bizpartner.cherryaerospace.com/partrevisions.htm> under "Part Number Revision List".

INCORRECT AND UNAVAILABLE PART NUMBERS WILL BE LINED OUT ON PO
CHERRY AEROSPACE DOES NOT ACCEPT CLAUSE V IN REGARDS TO ISO17025- CHERRY
IS COMPLIANT TO NADCAP REQUIREMENTS ONLY

Test Reports Enclosed
Do Not Destroy

Ln	Item Number	Site		Qty Open Qty to Ship	UM	Promised Shipped	
		T	Location/Lot/Serial				
2	CR9162-4-03		1600		EA	01/16/15	
	Customer Item: MS20601AD4W3						
		K0202	87971282	3700.0		()	

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law is prohibited

CERTIFICATION

ATTENTION: PURCHASING DEPARTMENT

Quality Assurance Representative

The material and/or parts we are furnishing in this shipment (as shown above) on the subject Purchase Order conform to the order and applicable specifications. Evidence that the material and/or parts meet the specifications and results of all tests for each lot affected will be in our files and will be available for your inspection at any reasonable time.

Signed

Diane Roa



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXAerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO29228

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
008	25	EA	NAS1330C3KB116		2206	ATLAS ENG	0D0N5		


Jason Lewis
Senior Director, Global Quality

07/22/15

Inv # 07/22/15



25 DREXEL DR. PO BOX 250, BAY SHORE, NY 11706
ISO9001/AS9100 REGISTERED QUALITY SYSTEM

QUALITY CONTROL RECEIVING INSPECTION REPORT

**PROGRAM KIT COMPONENT OR CHEMICALS OR STANDARD HARDWARE
FOR STAND ALONE SALES ORDERS. PART IDENTIFICATION LABEL FOR
SCANNING.**



CERT CNY06112100049



ITEM NAS1330C3KB116



LOT 2206



PO# PUR00P6P

BRANCH MJ

Vendor. ENGINEERED FAST

Qty.... 705

Manf... ATLAS ENGINEERING

Rev. 10

Part #..... NAS1330C3KB116
Lot ID..... 2206
Manufacturer.. ATLAS ENGINEERING
Qty this Lot.. 000000705
Doc Lev..... MCT
Rev..... 10
Sample Size... 000000005
Inspector..... JSC
Cert Date..... 11/21

CUSTOMER CODE: MJ

PROCESSED BY: X

JSC



ENFASCO INC. ENGINEERED FASTENER CO.

7309 Route 138 North Phone (886) 662-7800
Perth Amboy, NJ 08861 Fax (886) 662-6672
New Jersey 08816-1574 www.enfasco.com
info@enfasco.com

Fasteners / Hardware / Pneumatic Tools

11/20/2006

51973

00063893

11/18/2006

MASTER CARD

PURCHASE

TR

GP

UPCSA0
UFC AEROSPACE CORP.
25 DREXEL DRIVE
P.O. BOX 250
BAY SHORE, N.Y. 11708 USA

UFC AEROSPACE CORP.
25 DREXEL DRIVE
BAY SHORE, N.Y. 11708 USA

UPS#163-602 DO NOT INSURE

NJ

6614353535

MAURITEN

6614353533

IMPORTANT*****MUST SEND MFG C OF C WITH
SHIPMENT*****

W/ MFG. CERTS

001	RES-10-K-168CSI	EA	8,000	3,300
	ATLAS BOLT-NUT	Rev:		
	Customer P/N: NAS1330S3-K-168			
	Lot Number: 0001117221	Lot Ship Qty:	2,545	
	Lot Number: 0001101708	Lot Ship Qty:	62	
002	RES-10-K-116	EA	750	750
	ATLAS BOLT-NUT	Rev:		
	Customer P/N: NAS1330C3-KB-116			
	Lot Number: 0001119443	Lot Ship Qty:	720	

NOV 21 REC'D



NAS 1330C3-KB-116
15 pcs
short

Thank You for your order.

Note: Claims for shortages or a material discrepancy must be made within 30 days after receipt of material. Enfasco's liability is limited to replacing the material or refunding the invoice value of the material sold.

CERTIFICATE OF CONFORMANCE

It is hereby certified that all articles in the above shipments are in conformance with the requirements, specifications and drawings applicable to the above contractor's purchase order.

by Frank Bailey Entered



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO29228

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
007	50	EA	MS21075L4		33066	PAOLO ASTORI	A3856		



Jason Lewis
Senior Director, Global Quality

07/22/15

Inv # 07/22/15



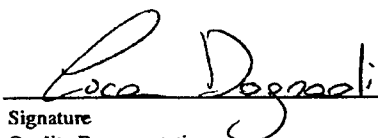
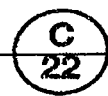
COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= AS/EN/JISQ 9100 =

QUALITY CONFORMANCE INSPECTION REPORT

Scde legale: via Mirabella, 9 - MAGGIATE Sup. - 28013 GATTICO (NO) ITALY-TEL: 0322- 838847 FAX: 0322-880198 ww.paoloastori.com

STATEMENT OF CONFORMITY

THIS IS TO CERTIFY THAT PARTS HAVE BEEN PRODUCED, CONTROLLED AND ACCEPTED
ACCORDING TO THE REQUIREMENTS OF THE APPLICABLE SPECIFICATION CALLED BY THE PURCHASE
ORDER AND/OR THE APPLICABLE STANDARD DRAWING.
MATERIAL, HEAT AND SURFACE TREATMENTS AND MANUFACTURING PROCESSES ARE THE SAME AS
THOSE USED FOR THE QUALIFICATION APPROVAL.
SAMPLES SUBJECT OF ALL TESTS WERE BEEN SELECTED AT RANDOM FROM THE PRODUCTION BATCH
COVERED BY THIS DOCUMENT. COUNTRY OF ORIGIN ITALY.
THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF
PAOLO ASTORI SPA.


Signature 
Quality Representative

CUSTOMER	<u>see attached COC</u>
P.O.	<u>see attached COC</u>
PART NO.	<u>MS21075L4N / MS21075L4 per NASM21075 REV2 / NAS1068A4 REV13 / NAS1068RA4 REV13</u>
ASTORI CODE	<u>10AD25A407M11</u>
DESCRIPTION	<u>NUT, SELF-LOCKING, PLATE TWO LUG FLOATING</u>
PROCUREMENT SPEC.	<u>NASM25027</u>
BATCH NO.	<u>33066</u>
BATCH QUANTITY	<u>76.215</u>
QUANTITY DELIVERED	<u>see attached COC</u>

Description of component	Raw material specification	Raw material Batch no.	Heat N°	Heath treatment performed	Raw material in accordance with
NUT	SAE1042	-2126	67953	hardening & tempering	ASTM A29
CAGE	SAE1042	-2225	67331	hardening & tempering	ASTM A29
OTHER					
OTHER					

All claims regarding the parts in subject must be reported to seller promptly. Credit or replacement of parts may be limited to those parts for which traceability has been maintained by the buyer. The seller's manufacturing lot identification number and return authorization (RMA) must accompany all returns. Any discrepancy claimed by the Customer must be made in writing to seller not later than ninety (90) days after the shipping date. The liability of seller on parts found to be defective is limited to replacement or rework of such goods, as seller option, and in no case is to exceed the invoice value of such goods. Under no circumstance will seller be liable for damages or cost incurred by buyer or subsequent user beyond the invoice value of the parts in subject.

Date: 26/08/13 ISS 1 of page 1
Date: 02/03/10 Batch N° 33066

